



1

SEQUENCE LISTING

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MOELLER, INGRID
ALDRED, PETER G.
SMITH, IAN A.
LEW, REBECCA A.

<120> NEUROACTIVE PEPTIDE

<130> 016786/0215

<140> 09/147,490
<141> 1999-05-13

<150> PCT/AU97/00436
<151> 1997-07-09

<150> AU PO0893
<151> 1996-07-09

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<170> PatentIn Ver. 2.1

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<212> PRT
<213> Unknown Organism

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<223> Description of Unknown Organism: Beta globin precursor

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<211> 26
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<213> Artificial Sequence

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<210> 3
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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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 tgcttatcatg ggtaacccta aggtgaaggc ccatggcaag aaggtgataa acgccttcaa 240
 tgatggcctg aaacacttgg acaacacctaa gggcaccttt gctcatctga gtgaactcca 300
 ctgtgacaag ctgcatgtgg atcctgagaa cttcaggctc ctgggcaata tgattgtgat 360
 tgtgttgggc caccacctgg gcaaggaatt cacccccctgt gcacaggctg cttccagaa 420
 ggtgttggct ggagtgccca gtgccctggc tcacaagttac cactaaacct ctttcctgc 480
 tcttgtctt gtgcaatggt caattgtcc caagagagca tctgtcagtt gttgtcaaaa 540
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 Ala Val Asn Gly Leu Trp Gly Lys Val Asn Pro Asp Asp Val Gly Gly
 15 20 25

gag gcc ctg ggc agg ctg ctg gtt gtc tac cct tgg acc cag agg tac 148
 Glu Ala Leu Gly Arg Leu Leu Val Val Tyr Pro Trp Thr Gln Arg Tyr
 30 35 40

ttt gat agc ttt ggg gac ctg tcc tct gcc tct gct atc atg ggt aac 196
 Phe Asp Ser Phe Gly Asp Leu Ser Ser Ala Ser Ala Ile Met Gly Asn
 45 50 55

cct aag gtg aag gcc cat ggc aag aag gtg ata aac gcc ttc aat gat 244
 Pro Lys Val Lys Ala His Gly Lys Val Ile Asn Ala Phe Asn Asp
 60 65 70

ggc ctg aaa cac ttg gac aac ctc aag ggc acc ttt gct cat ctg agt 292
 Gly Leu Lys His Leu Asp Asn Leu Lys Gly Thr Phe Ala His Leu Ser
 75 80 85 90

gaa ctc cac tgt gac aag ctg cat gtg gat cct gag aac ttc agg ctc 340
 Glu Leu His Cys Asp Lys Leu His Val Asp Pro Glu Asn Phe Arg Leu
 95 100 105

ctg ggc aat atg att gtg att gtg ttg ggc cac cac ctg ggc aag gaa 388
 Leu Gly Asn Met Ile Val Ile Val Leu Gly His His Leu Gly Lys Glu
 110 115 120

tcc acc ccc tgt gca cag gct gcc ttc cag aag gtg gtg gct gga gtg 436
 Phe Thr Pro Cys Ala Gln Ala Phe Gln Lys Val Val Ala Gly Val
 125 130 135

gcc agt gcc ctg gct cac aag tac cac taaacctttt ttccctgtct 483
 Ala Ser Ala Leu Ala His Lys Tyr His
 140 145

tgtctttgtg caatggtaa ttgttcccaa gagagcatct gtcagttgtt gtcaaatga 543
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 35 40 45

Leu Ser Ser Ala Ser Ala Ile Met Gly Asn Pro Lys Val Lys Ala His
 50 55 60

Gly Lys Lys Val Ile Asn Ala Phe Asn Asp Gly Leu Lys His Leu Asp
 65 70 75 80

Asn Leu Lys Gly Thr Phe Ala His Leu Ser Glu Leu His Cys Asp Lys
 85 90 95

Leu His Val Asp Pro Glu Asn Phe Arg Leu Leu Gly Asn Met Ile Val
 100 105 110

Ile Val Leu Gly His His Leu Gly Lys Glu Phe Thr Pro Cys Ala Gln
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Ala Ala Phe Gln Lys Val Val Ala Gly Val Ala Ser Ala Leu Ala His
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Lys Tyr His
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<212> DNA
<213> Unknown Organism

<220>
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gtggcgaggc cctgggcagg ctgctgggtt tctacccttg gaccaggacttata 180
gctttggga cctgtctct gcctctgcta tcataggtaa ccctaagggtg aaggcccatt 240
gcaagaagggt gataaacgccttcaatgtatgc gcctgaaaca cttggacaac ctcaagggca 300
cctttgtca tctgagtcaa ctccactgtg acaagctgca tggatccttca 360
ggcttcctggg caatatgatt gtgattgtgt tggccacca cctggcaag gaattcaccc 420
cctgtgcaca ggctgccttc cagaagggtgg tggctggagt ggccagtgcc ctggctcaca 480
agtaccacta aacctttt cctgcttttgc tctttgtgca atggtaattt gttcccaaga 540
gagcatctgt cagttgtgt caaatgaca aagacctttg aaaatctgtc ctactaataa 600
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<211> 6
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Hexapeptide

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Val Tyr Ile His Pro Phe
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